


[DOWNLOAD](#)


## Building Engineering and Systems Design

By Frederick S. Merritt

Springer Mai 2012, 2012. Taschenbuch. Book Condition: Neu. 254x178x37 mm. This item is printed on demand - Print on Demand Neuware - Inhaltsangabe1. New Directions in Building Design.- 1.1. Change from Master Builders to Managers.- 1.2. Basic Traditional Building Procedure.- 1.3. Systems Design Approach to Building.- 1.4. Design by Building Team.- 2. Basic Building Elements and Their Representation.- 2.1. Main Parts of Buildings.- 2.2. Floors and Ceilings.- 2.3. Roofs.- 2.4. Exterior Walls and Openings.- 2.5. Partitions, Doors, and Interior-Wall Finishes.- 2.6. Structural Framing and Foundations.- 2.7. Plumbing.- 2.8. Heating, Ventilating, and Air Conditioning (HVAC) Systems.- 2.9. Lighting.- 2.10. Acoustics.- 2.11. Electric Supply.- 2.12. Vertical-Circulation Elements.- 2.13. Why Drawings Are Necessary.- 2.14. Drawing Conventions.- 2.15. Types of Drawings.- 2.16. Specifications.- 2.17. Scales and Dimensions on Drawings.- 2.18. Elevation Views.- 2.19. Plan Views.- 2.20. Lines.- 2.21. Sections.- 2.22. Details.- 2.23. Survey and Plot Plans.- 3. Systems Design Method.- 3.1. Models.- 3.2. Value Measures for Comparisons 643.3. Comparisons of Systems.- 3.4. Return on Investment.- 3.5. Constraints Imposed by Building Codes.- 3.6. Zoning Codes.- 3.7. Other Constraining Regulations.- 3.8. Systems Design Steps.- 3.9. System Goals.- 3.10. System Objectives.- 3.11. System Constraints.- 3.12. Value Analysis.- 3.13. Optimum Design of Complex Systems.- 4. Application of Systems...



[READ ONLINE](#)

[ 6.02 MB ]

### Reviews

*It is an amazing ebook i actually have at any time study. We have read and so i am certain that i will likely to read through yet again once again later on. Your way of life period will likely be change when you complete looking at this pdf.*

-- **Cristina Rowe**

*A top quality ebook as well as the typeface used was interesting to see. It usually fails to charge an excessive amount of. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- **Dr. Isabell Wiza DDS**